
conferenceseries.com
8th International Conference and Exhibition on
Materials Science and Engineering
May 29-31, 2017 Osaka, Japan
MatScience 2017
May 29-31, 2017
Osaka, Japan
Modernization of Materials Science and Engineering
200+
Participation
15+
Interactive Sessions
10+
Keynote Lectures
50+
Plenary Lectures
3+
Workshops
10+
Exhibitors
B2B
Meetings
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Invitation...

Dear Colleagues,

Conference Series LLC extends its welcome to **8th International Conference and Exhibition on Materials Science and Engineering** during **May 29-31, 2017** at **Osaka, Japan.**

Conference Series LLC organizes a conference series of 3000+ Global Events with over 1000+ Conferences, 1000+ Symposiums and 1000+ Workshops in USA, Europe, Middle East & Asiapacific with support from 1000 more scientific societies and publishes 700+ Open access journals which contains over 30000 eminent personalities, reputed scientists as editorial board members.

Theme of the conference, "**Modernization of Materials Science and Engineering**" is designed in such a way to uncover the basic principles that lead to the drastic emergence and technologies in the field of Materials Science and Nanotechnology. We hope MatScience 2017 is the best platform to discuss the basic principles involved in the development of Materials Science and Engineering. As this conference deals with the basics concepts, students, delegates, academicians and business people can attend the conference to root up the knowledge and excel in this field.

Conference will focus on the following topics during presentations of the three day event, which reflect current education research, developments and innovations internationally and as evidenced in Materials Science and Engineering.

- Materials Science and Engineering
- Nanotechnology and Polymer science
- Research in Mining and Metallurgy field
- Tissue Science engineering and Biomaterials
- Materials for Green technology and Catalytic materials
- Semiconductors, Fuel Cell and Energy related industries

Organizing Committee Members



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Peking University
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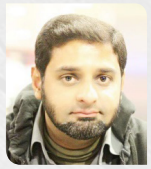
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Research Officer
National Research Council
Canada



Raja Rizwan Hussain
King Saud University
Saudi Arabia

Tentative Agenda

May 29, 2017 Monday

Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
Group Photo	
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 01: Fundamentals of Materials Science | Track 02: Materials in Research
13:00-13:45	Lunch Break**
13:45-16:00	Track 03: Materials Science & Engineering | Track 04: Materials in Industry
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 05: Materials in Energy | Track 12: Polymeric Materials
Day Concludes	

May 30, 2017 Tuesday

Time	Session
09:30-10:30	Keynote Forum
10:30-11:30	Track 06: Materials for Energy Applications | Track 07: Materials for Green Technology
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 08: Nanotechnology in Materials Science | Track 09: Catalytic Materials
13:00-13:45	Lunch Break**
13:45-16:00	Track 10: Nanomaterials | Track 11: Metallurgy and Materials Science
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations
Day Concludes	

May 31, 2017 Wednesday

Time	Session
09:30-11:30	Track 13: Biomaterials and Tissue Engineering | Track 14: Advances in Materials Science
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 15: Computational Materials Science | Track 16: Electronic and Magnetic Materials
13:00-13:45	Lunch Break**
13:45-16:00	Track 17: Nanocomposites
16:00-16:15	Network & Refreshments Break*
Award Ceremony	
Conference Concludes	

Confirmed Speakers

Oral:

Title: Molecular Dynamics Analysis of Thermodynamic and Kinetic properties of Surfaces and Interfaces of PdHx
Xiaowang Zhou, Clemson University, USA
Title: Dynamic decellularization and recellularization of vascular grafts
Jana Zarubova, Charles University, Czech Republic
Title: Prospects of Nanostructured Semiconductor Thin Films and Composites for Solar Hydrogen Energy Conversion and Storage
Meng Nan Chong, Monash University, Malaysia
Title: The Mechanism of Mn, Si, Al, O Segregation in FSW of DH36 Steel
MONTADHAR AL MOUSSAWI, Sheffield Hallam University, UK
Title: Enhanced catalytic activity of Ag-Ni alloyed nanoparticles immobilized in –COOH functionalized SBA-16 for the reduction of 4-nitrophenol
Canggih Budi, National Central University, Taiwan
Title: Ceramic structures made by additive manufacturing
Jun Ding, National University of Singapore, Singapore
Title: Direct fabrication of micro-patterned conductive polymer device using spray coating with metal shadow mask
Yi-Ting Lee, National Kaohsiung University of Applied Sciences, Taiwan
Title: Applications of chalcogenide Ge-Sb-Se glass used for the molded lens of thermal camera using far infrared
June Park, Chung-Ang University, South Korea
Title: Biomaterials as a tool for teaching and learning training programs on surgery.
Avelina Sotres-Vega, INER, Mexico
Title: Enhanced 1.53 μm emission from Er/Yb fluorophosphate glasses for optical amplifiers
Ganesh Agawane, Korea Photonics Technology Institute, South Korea
Title: Electrochemical co-deposition of PPy-MnO2 nanocomposite thin film electrodes for supercapacitors: Effects of different deposition parameters on the specific capacitance of the electrode materials
Jennet Rabo, Philippines

Young Researchers Forum

Title: A Novel Ternary eRGO/NiO/⍰-Fe2O3 Nanostructured Photoanode with Enhanced Charge Transfer Properties for Efficient Solar Hydrogen Energy Conversion in a Photoelectrochemical Cell
Yi Wen Phuan, Monash University, Malaysia
Title: Insight into Controllable Synthesis of Zinc Oxide-based Nanomaterials and their Toxicity Effects on Biological Wastewater Treatment Processes
Jang Sen Chang, Monash University, Malaysia
Title: Development of Molybdenum Trioxide-based Photoanodes with Charge Storage Capacity for Photoelectrochemical Water Oxidation under Illuminated and Non-Illuminated Conditions
Chun Yuan Chot, Monash University, Malaysia

Title: Fabrication of a Heterojunction V2O5/BiVO4 Photoanode with Improved Photoelectrochemical Performance for Water Splitting Reaction

Chong Siang Yaw, Monash University, Malaysia

Poster Presentations

Title: Cobalt nanoparticles immobilized in 3D mesoporous silica KIT-6 for excellent catalytic hydrogen generation from ammonia borane

Mu-Hsin Lee, Taiwan.

Title: Synthesis of novel copolymer based butylimidazolium ionic liquid and polybenzimidazole as anion exchange membrane for fuel cell application

AMINA OUADAH, Beijing Institute of Technology, China.

Title: Thermally stable, organosoluble of co-polynaphthalimides based on 1,4,5,8-naphthalene tetracarboxylic dianhydride, 9,9-bis(4-aminophenyl)fluorine, and various aromatic diamines

Yung-Chung Chen, National Kaohsiung University, Taiwan.

Title: Tuning the electroluminescence of an ionic small molecules in light-emitting electrochemical cells

Shanmugasundaram Kanagaraj, Pusan National University, South Korea

Title: Development of Ion Adsorbent from Polybenzoxazine-based Nanoporous Materials

Chanapon Pongteeraporn, Chulalongkorn University, Thailand.

Title: Novel Thermo-responsive Hydrogel from Gellan Gum and Methylcellulose for Use as Advanced Wound Dressing

Nattakarn Wankama, Chulalongkorn University, Thailand.

Title: The preparation and photocatalytic water splitting of NdVO4-V2O5 powders

Tzu Hsuan Chiang, Taiwan

Title: Optimal Shell Thickness for Al2O3-encapsulated Ag NPs for Enhancing Polaron Generation in P3HT

Wei Peng Goh, Institute of Materials Research and Engineering, Singapore.

Title: Controlling crystal formation for more efficient and reproducible perovskite solar cells

Siew Lay Lim, Institute of Materials Research and Engineering, Singapore.

Title: Spectroscopic properties of magnesium metaphosphate based fluorophosphate glasses co-doped with Er/Yb

Kadathala Linganna, Korea Photonics Technology Institute, South Korea.

Title: Application of response surface methodology for optimizing adsorption performance of Magnetic graphene oxide nanocomposites for removal of methadone

Vinod Kumar Gupta, University of Johannesburg Doornfontein, South Africa.

Title: Evaluation of High Quality Steel Plate Plates in FCAW Steel Plate

Hyun soo song, South Korea.

Title: Development and Antibacterial Performance of Novel Polylactic Acid-Graphene Oxide-Silver Nanoparticle Hybrid Nanocomposite Mats Prepared By Electrospinning

Chen LIU, University of Hong Kong, Hong Kong.

Closing Ceremony

****Speaker and Poster Opportunities Available****

Glimpses of past conference



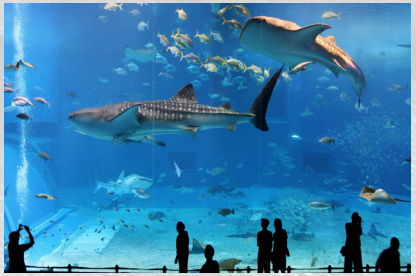






Tourist Attractions

















Venue

Osaka is the second largest metropolitan area in Japan and serves a major economic hub.Historically a merchant city, Osaka has also been known as the "Nation's Kitchen". With a population of 2.5 million, Osaka is Japan's third largest and second most important city. It has been the economic powerhouse of the Kansai region for many centuries. Thecity's west side has the main port as well as a tourist destination with attractions such as Kyocera Dome, Universal Studios Japan, Osaka aquarium, Minami, Osaka castle, Umeda sky building and the TempozanHarbour Village. Osaka is known for its food, both in Japan and abroad. Author Michael Booth and food critic François Simon of Le Figaro have both suggested that Osaka is the food capital of the world. Osaka's culinary prevalence is the result of a location that has provided access to high quality ingredients, a high population of merchants, and close proximity to the ocean and waterway trade. In recent years, Osaka has started to garner more attention from foreigners with the increased popularity of cooking and dining in popular culture. The National Museum of Art (NMAO) is a subterranean Japanese and international art museum, housing mainly collections from the post-war era and regularly welcoming temporary exhibitions. Osaka Science Museum is in a five storied building next to the National Museum of Art, with a planetarium and an OMNIMAX theatre.

You'll fall in love with Japan



Venue:
Hyatt Regency Osaka
1-13-11 Nanko-Kita, Suminoe-Ku Osaka
Japan 559-0034

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